



TJW

PTO/SB/21 (04-07)

Approved for use through 09/30/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/663,359
	Filing Date	09/16/2003
	First Named Inventor	Karandikar, Prashant G.
	Art Unit	1774
	Examiner Name	Edwards, Newton O.
Total Number of Pages in This Submission	Attorney Docket Number	M-102-E

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s)	<input checked="" type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Certificate of Mailing
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	Return Receipt Postcard
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	LAW OFFICE OF JEFFREY R. RAMBERG		
Signature			
Printed name	Jeffrey R. Ramberg		
Date	05/29/2007	Reg. No.	34,700

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Jeffrey R. Ramberg	Date	05/29/2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Karandikar et al.  
Serial No.: 10/663,359  
Filed: September 16, 2003

Attorney Docket No.: M-102-E  
Group Art Unit: 1774  
Examiner: Edwards, Newton O.

For: Low CTE Metal-Ceramic Composite Articles, and Methods for Making Same

---

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate of Mailing Under 37 CFR 1.8**

I hereby certify that the following correspondence is being deposited on the date shown below with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: *Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450*:

Submission of Substitute Drawings Pursuant to MPEP 608.02(z)

Transmittal

Return Receipt Postcard

5.29.2007  
Date

Jeffrey R. Ramberg  
Signature

Jeffrey R. Ramberg  
Typed or printed name of person signing Certificate



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
ATTN.: PUBLISHING DIVISION

Applicants: Karandikar et al. Attorney Docket No.: M-102-E  
Serial No.: 10/663,359 Group Art Unit: 1774  
Filed: September 16, 2003 Examiner: Edwards, Newton O.

For: Low CTE Metal-Ceramic Composite Articles, and Methods for Making Same

---

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

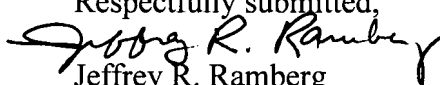
**SUBMISSION OF SUBSTITUTE DRAWINGS PURSUANT TO MPEP 608.02(Z)**

Dear Sir:

Applicants submit herewith as an Appendix a set of formal drawings. Please substitute these new, formal drawings for the informal drawings that are presently on file.

Applicants respectfully submit that the new drawings add no new matter to the present application, but merely correct obvious informalities in the original drawings.

Should the Drafting Branch or the Publication Branch of the Patent Office have any questions or comments concerning this submission, the Office is invited to contact Applicants' undersigned representative.

Respectfully submitted,  
  
Jeffrey R. Ramberg  
Reg. No. 34,700

Enclosures: Appendix : 6 sheets of formal drawings

May 29, 2007

Law Office of Jeffrey R. Ramberg  
18 Old Manor Road  
Newark, Delaware 19711

phone: (302) 454-6414  
fax: (302) 454-6414  
e-mail: ramberg@juno.com